

Appendix A. Molecular genetic analysis.

Table A1. Matrix of differentiation of *Allium sabulosum* populations

№ pop.	1	2	3	4	5	6	7	8	9
2	0.4642								
3	0.2576	0.3258							
4	0.6274	0.7754	0.3280						
5	0.3861	0.5405	0.1983	0.5210					
6	0.3609	0.6206	0.2807	0.6689	0.4624				
7	0.5569	0.8670	0.3983	0.8050	0.5957	0.3743			
8	0.4381	0.6453	0.3054	0.6733	0.4636	0.2897	0.5201		
9	0.4410	0.7620	0.3395	0.7428	0.5767	0.4891	0.6632	0.3600	
10	0.3900	0.7249	0.3463	0.7337	0.5355	0.4225	0.6412	0.3774	0.2327

Table A2. Nucleotide substitutions in the ITS fragment of nuclear DNA of the studied

A. sabulosum samples

№ acc/ № Position in the fragment	40	51	53	76	118	121	172	203	259	402	412	422	602	605
	G	T	T	R	A	R	T	A	T	A	T	A	T	T
10.1														
9.1				G				Y						
8.1										R	Y			
7.1										R	Y			
6.1														
5.1			C	G		A			C			G	C	C
4.1		G		G	R	A		T						
3.2					R	G				G				
3.1					R	G				G				
2.1	R			G	R	A	C							
1.1										G				

Table A3. Voucher specimens of the studied species.

Population number	Species	Voucher number	ITS	rpl32-trnL
1	<i>Allium sabulosum</i>	AA 0003562	PV055992	PV074048
2	<i>Allium sabulosum</i>	AA 0003612	PV055993	PV074047
3.1	<i>Allium sabulosum</i>	AA 0003561	PV055993	PV074046
3.2	<i>Allium sabulosum</i>	AA 0003613	PV055995	PV074045

4	<i>Allium sabulosum</i>	AA 0003568	PV055996	PV074044
5	<i>Allium sabulosum</i>	AA 0003570	PV055997	PV074043
6	<i>Allium sabulosum</i>	AA 0003565	PV055998	PV074042
7	<i>Allium sabulosum</i>	AA 0003569	PV055999	PV074041
8	<i>Allium sabulosum</i>	AA 0003566	PV056000	PV074040
9	<i>Allium sabulosum</i>	AA 0003413	PV056001	PV074039
10	<i>Allium sabulosum</i>	AA 0003567	PV056002	PV074038

Appendix B. Structure analysis.

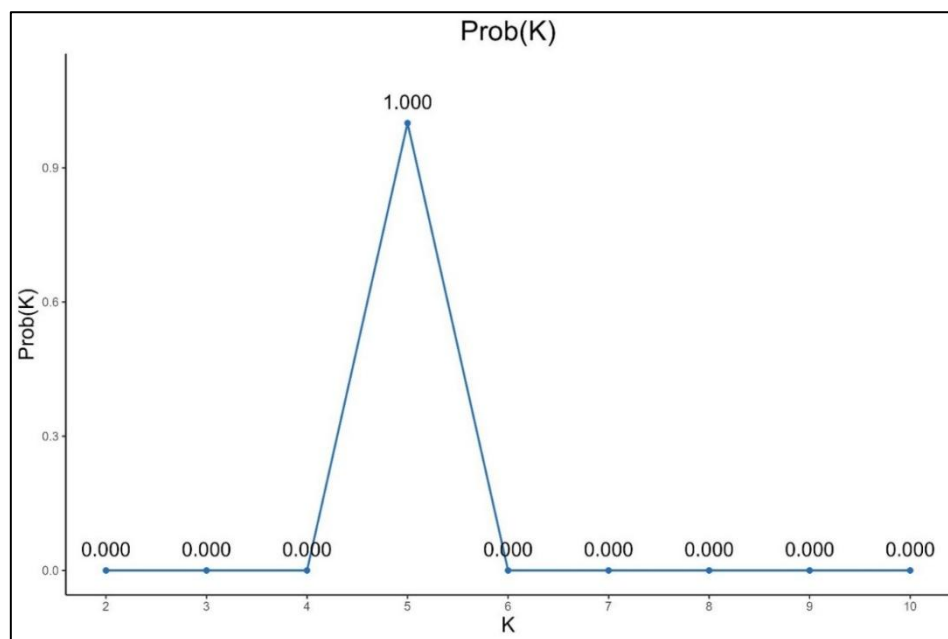


Figure B1. Logarithm of the probability of data in *A. sabulosum* populations

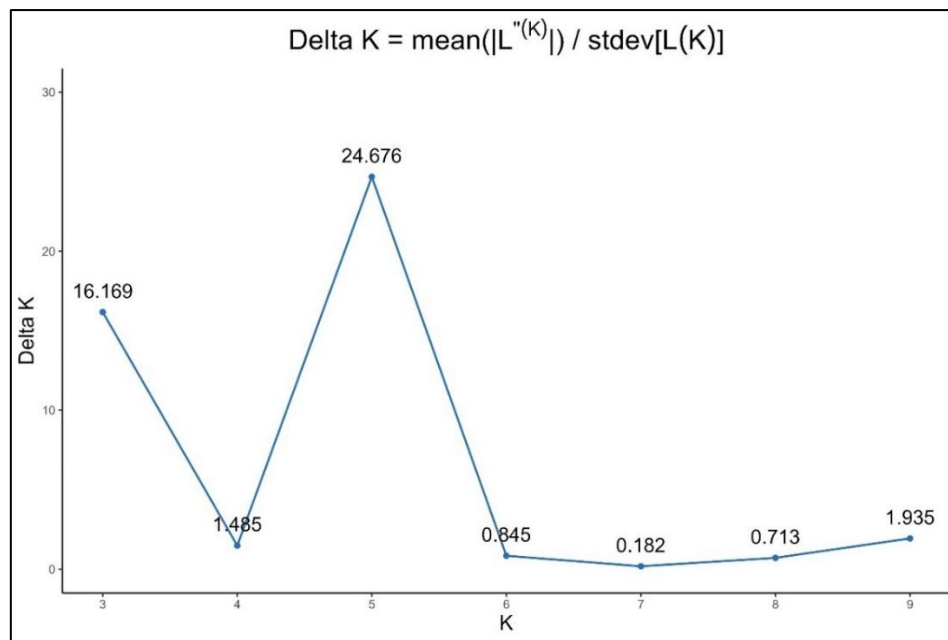


Figure B2. Genotyped *A. sabulosum* lines using the Evanno method